

CLAIMS

1. A heat exchanger (50, 54) formed to be connected to a plurality of heat exchange units (50a-50d, 54a-54d), and which is disposed in an indoor unit (2) of an air conditioner (1), comprising:

5 a first heat exchange unit (50a, 50b, 54a, 54b);

a second heat exchange unit (50c, 54c) that is connected at an angle with one end of the first heat exchange unit (50a, 50b, 54a, 54b); and

a third heat exchange unit (50d, 54d) that is connected at an angle with another end of the first heat exchange unit (50a, 50b, 54a, 54b);

10 wherein the second heat exchange unit (50c, 54c) and the third heat exchange unit (50d, 54d) have approximately the same length.

2. The heat exchanger (50) disclosed in claim 1, wherein the first heat exchange unit (50a, 50b) has an approximate inverted V shape in cross-section;

15 and

the second heat exchange unit (50c) and the third heat exchange unit (50d) respectively extend downward from front and rear lower ends of the first heat exchange unit (50a, 50b).

20 3. The heat exchanger (50, 54) disclosed in claim 1 or claim 2, in which the heat exchanger (50, 54) is symmetrical from front to rear, and

the second heat exchange unit (50c, 54c) and the third heat exchange unit (50d, 54d) are symmetrical from front to rear.

25 4. An indoor unit (2) of an air conditioner (1), comprising: the heat exchanger (50, 54) disclosed in any of claims 1 to 3; and

a ventilation fan (71) that is disposed so as to be covered by the heat exchanger (50, 54).

5. An indoor unit (2) of an air conditioner (1), comprising: a ventilation fan (71);

the heat exchanger (50) disclosed in claim 1 that covers front, upper and rear portions of the ventilation fan (71), and is disposed so that a lower front end and a lower rear end of the heat exchanger (50) are at a height of an apex of the ventilation fan (71) or lower;

a first drain pan (781) that is disposed below the lower front end of the heat exchanger (50);

a second drain pan (782) that is disposed below the lower rear end of the heat exchanger (50); and

a drain path (785) through which drain water discharged from the first drain pan (781) and the second drain pan (782) passes;

wherein the first drain pan (781) and the second drain pan (782) are disposed at a same approximate height.

6. The indoor unit (2) of an air conditioner (1) disclosed in claim 5, wherein the heat exchanger (50) has an approximate inverted V shape in cross-section.

7. The indoor unit (2) for an air conditioner (1) disclosed in claim 5 or claim 6, wherein the lower front end and the lower rear end of the heat exchanger (50) are positioned at a same approximate height.

8. The indoor unit (2) of an air conditioner (1) disclosed in any of claims 5 to 7, wherein the heat exchanger (50) has a shape that is symmetrical from front to rear.